

Welcome to DialogClassic Web(tm)

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Last logoff: 25mar05 13:23:48
Logon file001 29mar05 10:45:31

*** ANNOUNCEMENT ***

--Important Notice to Freelance Authors--
See HELP FREELANCE for more information

NEW FILES RELEASED

***FDAnews (File 182)
***German Patents Fulltext (File 324)

***Beilstein Abstracts (File 393)
***Beilstein Facts (File 390)
***Beilstein Reactions (File 391)

RELOADED

***Medline (Files 154 & 155)
***ToxFile (File 156)

RESUMED UPDATING

***Canadian Business and Current Affairs (262)
***CorpTech (559)

>>> Enter BEGIN HOMEBASE for Dialog Announcements <<<
>>> of new databases, price changes, etc. <<<

KWIC is set to 50.

HIGHLIGHT set on as ' '

* * *

File 1:ERIC 1966-2004/Jul 21
(c) format only 2004 The Dialog Corporation
***File 1: Updates suspended by ERIC until**
Q2, 2005

Set	Items	Description
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Cost is in DialUnits
?

B 155, 5, 73

29mar05 10:45:42 User259876 Session D731.1		
\$0.81	0.232	DialUnits File1
\$0.81		Estimated cost File1
\$0.05		INTERNET
\$0.86		Estimated cost this search
\$0.86		Estimated total session cost 0.232 DialUnits

SYSTEM:OS - DIALOG OneSearch

File 155:MEDLINE(R) 1951-2005/Mar W4
(c) format only 2005 The Dialog Corp.
File 5:Biosis Previews(R) 1969-2005/Mar W3
(c) 2005 BIOSIS
File 73:EMBASE 1974-2005/Mar W3
(c) 2005 Elsevier Science B.V.

Set	Items	Description
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?

S (RESPIRATORY (W) SYNCYTIAL (W) VIRUS)

1175251 RESPIRATORY

24949 SYNCYTIAL

1328894 VIRUS

S1 16529 (RESPIRATORY (W) SYNCYTIAL (W) VIRUS)

?

S S1 AND (VECTOR OR PLASMID)

16529 S1

283997 VECTOR

194167 PLASMID

S2 435 S1 AND (VECTOR OR PLASMID)

?

S S2 AND ((RSV (W) F) OR RSVF OR RSV-F)

435 S2

13130 RSV

488066 F

263 RSV(W) F

3 RSVF

0 RSV-F

S3 26 S2 AND ((RSV (W) F) OR RSVF OR RSV-F)

?

S (HETEROLOGOUS (W) SIGNAL (W) (PEPTIDE OR SEQUENCE OR LEADER))

94337 HETEROLOGOUS

724571 SIGNAL

732030 PEPTIDE

1581367 SEQUENCE

24044 LEADER

S4 41 (HETEROLOGOUS (W) SIGNAL (W) (PEPTIDE OR SEQUENCE OR LEADER))

?

S S3 AND S4

26 S3

41 S4

S5 0 S3 AND S4

?

Set	Items	Description
S1	16529	(RESPIRATORY (W) SYNCYTIAL (W) VIRUS)
S2	435	S1 AND (VECTOR OR PLASMID)
S3	26	S2 AND ((RSV (W) F) OR RSVF OR RSV-F)
S4	41	(HETEROLOGOUS (W) SIGNAL (W) (PEPTIDE OR SEQUENCE OR LEADER))
S5	0	S3 AND S4

?

S S3 AND (HSV (W) 1 (W) GD)

Processing

26 S3

39481 HSV

9284583 1

277553 GD

154 HSV(W)1(W)GD

S6 0 S3 AND (HSV (W) 1 (W) GD)

?

S S3 AND (HSV (W) I (W) GD)

26 S3

39481 HSV

2869460 I

277553 GD

0 HSV(W) I (W) GD

S7 0 S3 AND (HSV (W) I (W) GD)

?

Set	Items	Description
S1	16529	(RESPIRATORY (W) SYNCYTIAL (W) VIRUS)
S2	435	S1 AND (VECTOR OR PLASMID)
S3	26	S2 AND ((RSV (W) F) OR RSVF OR RSV-F)
S4	41	(HETEROLOGOUS (W) SIGNAL (W) (PEPTIDE OR SEQUENCE OR LEADE- R))
S5	0	S3 AND S4
S6	0	S3 AND (HSV (W) I (W) GD)
S7	0	S3 AND (HSV (W) I (W) GD)

?

S S4 AND S1

41 S4

16529 S1

S8 1 S4 AND S1

?

T S8/3,K/ALL

8/3,K/1 (Item 1 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2005 BIOSIS. All rts. reserv.

0012986929 BIOSIS NO.: 200100158768

Nucleic acid respiratory syncytial virus vaccinesAUTHOR: Li Xiaomao (Reprint); Ewasyshyn Mary E; Sambhara Suryaprakash;
Klein Michel H

AUTHOR ADDRESS: Toronto, Canada**Canada

JOURNAL: Official Gazette of the United States Patent and Trademark Office
Patents 1236 (1): July 4, 2000 2000

MEDIUM: e-file

PATENT NUMBER: US 6083925 PATENT DATE GRANTED: July 04, 2000 20000704

PATENT CLASSIFICATION: 514-44 PATENT ASSIGNEE: Connaught Laboratories
Limited, North York, Canada PATENT COUNTRY: USA

ISSN: 0098-1133

DOCUMENT TYPE: Patent

RECORD TYPE: Abstract

LANGUAGE: English

Nucleic acid respiratory syncytial virus vaccines

ABSTRACT: Non-replicating vectors containing a nucleotide sequence coding for an F protein of **respiratory syncytial virus** (RSV) and a promoter for such sequence, preferably a cytomegalovirus promoter, are described for in vivo immunization. The nucleotide sequence encoding the RSV F protein may lack a sequence encoding the homologous signal peptide but possessing a **heterologous signal peptide** enhancing RSV F protein expression. Such non-replicating vectors, including plasmids,

also may contain a further nucleotide sequence located adjacent to the RSV F protein...

DESCRIPTORS:

ORGANISMS: **respiratory syncytial virus** {RSV} (Paramyxoviridae...

?

Set	Items	Description
S1	16529	(RESPIRATORY (W) SYNCYTIAL (W) VIRUS)
S2	435	S1 AND (VECTOR OR PLASMID)
S3	26	S2 AND ((RSV (W) F) OR RSVF OR RSV-F)
S4	41	(HETEROLOGOUS (W) SIGNAL (W) (PEPTIDE OR SEQUENCE OR LEADER))
S5	0	S3 AND S4
S6	0	S3 AND (HSV (W) 1 (W) GD)
S7	0	S3 AND (HSV (W) I (W) GD)
S8	1	S4 AND S1

?

RD S4

...completed examining records

S9 20 RD S4 (unique items)

?

S S9 NOT PY>1999

20 S9

7973888 PY>1999

S10 19 S9 NOT PY>1999

?

T S10/3,K/ALL

10/3,K/1 (Item 1 from file: 155)

DIALOG(R) File 155:MEDLINE(R)

(c) format only 2005 The Dialog Corp. All rts. reserv.

13365498 PMID: 10233687

Lymphoid hyperplasia in transgenic mice over-expressing a secreted form of the human interleukin-1beta gene product.

Bjorkdahl O; Akerblad P; Gyorloff-Wingren A; Leanderson T; Dohlsten M

The Wallenberg Laboratory, Section for Tumour Immunology, University of Lund, Sweden.

Immunology (ENGLAND) Jan 1999, 96 (1) p128-37, ISSN 0019-2805

Journal Code: 0374672

Publishing Model Print

Document type: Journal Article

Languages: ENGLISH

Main Citation Owner: NLM

Record type: MEDLINE; Completed

... of over-expression of interleukin-1beta (IL-1beta) on the immune system we have generated transgenic mice, expressing the IL-1beta gene fused to a **heterologous signal sequence** under the control of the mouse immunoglobulin enhancer (Emu). A prominent hyperplasia and a disturbed microarchitecture of lymphoid tissues were observed in the transgenic mice...

10/3,K/2 (Item 2 from file: 155)

DIALOG(R) File 155:MEDLINE(R)

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12641251 PMID: 10556549

Enhancement of antibody responses by DNA immunization using expression vectors mediating efficient antigen secretion.

Svanholm C; Bandholtz L; Lobell A; Wigzell H
Microbiology and Tumorbiology Center (MTC), Karolinska Institute, Box 280, 171 77, Stockholm, Sweden. cecilia.svanholm@mtc.ki.se
Journal of immunological methods (NETHERLANDS) Aug 31 1999, 228 (1-2) p121-30, ISSN 0022-1759 Journal Code: 1305440
Publishing Model Print
Document type: Journal Article
Languages: ENGLISH
Main Citation Owner: NLM
Record type: MEDLINE; Completed

... 1 nef, HIV-1 tat or C. pneumoniae omp2 proteins, respectively, were compared. To mediate secretion of these proteins the genes were fused to a **heterologous signal sequence** from murine heavy chain IgG. The nef- and omp2-specific antibody responses were dramatically increased when mice were inoculated with the plasmid encoding the secreted...

... like phenotype regardless of whether the nef protein was secreted or not. The system described in this study, using a plasmid vector with a strong **heterologous signal sequence** that mediate efficient antigen secretion in vivo, may have wide applicability for the induction of high antibody levels to normally non-secreted antigens.

10/3,K/3 (Item 3 from file: 155)

DIALOG(R) File 155:MEDLINE(R)

(c) format only 2005 The Dialog Corp. All rts. reserv.

11325794 PMID: 8621500

The amino terminus of apolipoprotein B is necessary but not sufficient for microsomal triglyceride transfer protein responsiveness.

Gretch D G; Sturley S L; Wang L; Lipton B A; Dunning A; Grunwald K A; Wetterau J R; Yao Z; Talmud P; Attie A D
Department of Biochemistry, University of Wisconsin-Madison, 53706, USA.
Journal of biological chemistry (UNITED STATES) Apr 12 1996, 271 (15) p8682-91, ISSN 0021-9258 Journal Code: 2985121R
Contract/Grant No.: HL37251; HL; NHLBI
Publishing Model Print
Document type: Journal Article
Languages: ENGLISH
Main Citation Owner: NLM
Record type: MEDLINE; Completed

... MTP responsiveness, nine apoB segments were expressed. These included NH2-terminal segments as well as internal and COOH-terminal regions of apoB fused with a **heterologous signal sequence**. ApoB segments containing the NH2-terminal 17% of the protein were secreted and responded to MTP activity; however, a segment containing only the NH2-terminal...

10/3,K/4 (Item 4 from file: 155)

DIALOG(R) File 155:MEDLINE(R)

(c) format only 2005 The Dialog Corp. All rts. reserv.

10978034 PMID: 7756835

**Expression of truncated and full-length forms of the Lyme disease
Borrelia outer surface protein A in Escherichia coli.**

Hansson L; Noppa L; Nilsson A K; Stromqvist M; Bergstrom S
Symbicom AB, Umea, Sweden.

Protein expression and purification (UNITED STATES) Feb 1995, 6 (1)
p15-24, ISSN 1046-5928 Journal Code: 9101496

Publishing Model Print

Document type: Journal Article

Languages: ENGLISH

Main Citation Owner: NLM

Record type: MEDLINE; Completed

... to the OspA open reading frame. Alternatively, truncated OspA was produced intracellularly using expression vectors that lack signal sequences. Production of nonlipidated protein with a **heterologous signal peptide** resulted in a soluble protein located mainly in the periplasm and in the culture medium. The full-length lipidated OspA, on the other hand, was...

10/3,K/5 (Item 5 from file: 155)

DIALOG(R) File 155:MEDLINE(R)

(c) format only 2005 The Dialog Corp. All rts. reserv.

10577603 PMID: 8175786

Secretion of thermostable DNA polymerase using a novel baculovirus vector.

Mroczkowski B S; Huvar A; Lernhardt W; Misono K; Nielson K; Scott B
Agouron Institute, La Jolla, California 92037.

Journal of biological chemistry (UNITED STATES) May 6 1994, 269 (18)
p13522-8, ISSN 0021-9258 Journal Code: 2985121R

Publishing Model Print

Document type: Journal Article

Languages: ENGLISH

Main Citation Owner: NLM

Record type: MEDLINE; Completed

... functional secretory leader sequences down-stream of the polyhedrin promoter. In-frame insertion of cDNA sequences results in the synthesis of fusion proteins containing a **heterologous signal sequence** which directs the recombinant protein to the secretory pathway. Human and insect leader sequences were successfully tested with a number of proteins including the thermostable...

10/3,K/6 (Item 6 from file: 155)

DIALOG(R) File 155:MEDLINE(R)

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10540587 PMID: 8132669

Apolipoprotein B48-membrane interactions. Absence of transmembrane localization in nonhepatic cells.

Shelness G S; Morris-Rogers K C; Ingram M F

Department of Comparative Medicine, Bowman Gray School of Medicine, Wake Forest University, Winston-Salem, North Carolina 27157-1040.

Journal of biological chemistry (UNITED STATES) Mar 25 1994, 269 (12)
p9310-8, ISSN 0021-9258 Journal Code: 2985121R

Contract/Grant No.: HL49373; HL; NHLBI; RR-O5404; RR; NCRR

Publishing Model Print

Document type: Journal Article

Languages: ENGLISH
Main Citation Owner: NLM
Record type: MEDLINE; Completed

... entire amino-terminal approximately 50% of apoB (apoB50) were expressed in COS-1 cells. Irrespective of whether targeting and translocation initiation were directed by a **heterologous signal peptide** or the native apoB signal peptide, apoB50 appeared to undergo complete membrane translocation into a protease-inaccessible compartment. These results demonstrate that the amino-terminal...

10/3;K/7 (Item 7 from file: 155)
DIALOG(R) File 155:MEDLINE(R)
(c) format only 2005 The Dialog Corp. All rts. reserv.

10216042 PMID: 8316212

The roles of signal peptide and mature protein in RNase (barnase) export from Bacillus subtilis.

Chen M; Nagarajan V
Central Research and Development Division, E.I. duPont de Nemours Company, Wilmington, DE 19880-0228.

Molecular & general genetics - MGG (GERMANY) Jun 1993, 239 (3)
p409-15, ISSN 0026-8925 Journal Code: 0125036

Publishing Model Print

Document type: Journal Article

Languages: ENGLISH

Main Citation Owner: NLM

Record type: MEDLINE; Completed

... post-translationally from B. subtilis. The rate of secretion of barnase from B. subtilis was improved by replacement of the barnase signal peptide with a **heterologous signal peptide**. However, the barnase signal peptide exported Escherichia coli alkaline phosphatase faster than mature barnase. Heat shock of B. subtilis cells did not significantly alter the...

10/3;K/8 (Item 8 from file: 155)
DIALOG(R) File 155:MEDLINE(R)
(c) format only 2005 The Dialog Corp. All rts. reserv.

10166624 PMID: 8486639

Expression of dopamine beta-hydroxylase in Drosophila Schneider 2 cells. Evidence for a mechanism of membrane binding other than uncleaved signal peptide.

Gibson K R; Vanek P G; Kaloss W D; Collier G B; Connaughton J F; Angelichio M; Livi G P; Fleming P J

Department of Biochemistry and Molecular Biology, Georgetown University Medical Center, Washington, D.C. 20007.

Journal of biological chemistry (UNITED STATES) May 5 1993, 268 (13)
p9490-5, ISSN 0021-9258 Journal Code: 2985121R

Contract/Grant No.: GM27695; GM; NIGMS; MH10223; MH; NIMH

Publishing Model Print

Document type: Journal Article

Languages: ENGLISH

Main Citation Owner: NLM

Record type: MEDLINE; Completed

...system producing the processed form of this enzyme has been developed.

We have replaced the endogenous signal peptide of bovine dopamine beta-hydroxylase with a **heterologous signal peptide** which is efficiently recognized and cleaved in Drosophila Schneider 2 cells. A cDNA encoding this chimeric recombinant bovine enzyme has been stably transfected into Schneider...

10/3,K/9 (Item 9 from file: 155)

DIALOG(R) File 155:MEDLINE(R)

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10015820 PMID: 1465106

Characterization of the secretion efficiency of a plant signal peptide in Bacillus subtilis.

Ribbe J; Nagarajan V

Central Research and Development Division, E.I. duPont de Nemours Company, Wilmington, DE 19880-0228.

Molecular & general genetics - MGG (GERMANY) Nov 1992, 235 (2-3)

p333-9, ISSN 0026-8925 Journal Code: 0125036

Publishing Model Print

Document type: Journal Article

Languages: ENGLISH

Main Citation Owner: NLM

Record type: MEDLINE; Completed

The ability of the Bacillus subtilis secretion machinery to interact with a **heterologous signal peptide** was studied using a plant (wheat alpha-amylase) signal peptide. The plant signal peptide was capable of mediating secretion of Escherichia coli alkaline phosphatase and...

10/3,K/10 (Item 10 from file: 155)

DIALOG(R) File 155:MEDLINE(R)

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09037719 PMID: 2114313

Secretion of recombinant ribonuclease T1 into the periplasmic space of Escherichia coli with the aid of the signal peptide of alkaline phosphatase.

Fujimura T; Tanaka T; Ohara K; Morioka H; Uesugi S; Ikehara M; Nishikawa S

Faculty of Pharmaceutical Sciences, Osaka University, Japan.

FEBS letters (NETHERLANDS) Jun 4 1990, 265 (1-2) p71-4, ISSN 0014-5793 Journal Code: 0155157

Publishing Model Print

Document type: Journal Article

Languages: ENGLISH

Main Citation Owner: NLM

Record type: MEDLINE; Completed

... under the control of the trp promoter, active RNase T1 having the correct N-terminal sequence was secreted into the periplasmic space, indicating that the **heterologous signal peptide** had been cleaved off correctly. The enzyme could be readily purified from the periplasmic fraction with a yield of 1.8 mg from 1 liter...

10/3,K/11 (Item 11 from file: 155)

DIALOG(R) File 155:MEDLINE(R)

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08640953 PMID: 2661322

Heterologous signal peptide processing in fusion interferon synthesis by engineered L-forms of *Proteus mirabilis*.
Laplace F; Egerer R; Gumpert J; Kraft R; Kostka S; Malke H
Academy of Sciences of the GDR, Central Institute of Microbiology and Experimental Therapy, Jena.
FEMS microbiology letters (NETHERLANDS) May 1989, 50 (1-2) p59-63,
ISSN 0378-1097 Journal Code: 7705721
Publishing Model Print
Document type: Journal Article
Languages: ENGLISH
Main Citation Owner: NLM
Record type: MEDLINE; Completed

Heterologous signal peptide processing in fusion interferon synthesis by engineered L-forms of *Proteus mirabilis*.

10/3,K/12 (Item 12 from file: 155)
DIALOG(R) File 155:MEDLINE(R)
(c) format only 2005 The Dialog Corp. All rts. reserv.

07923990 PMID: 3037322

Signal processing, glycosylation, and secretion of mutant hemagglutinins of a human influenza virus by *Saccharomyces cerevisiae*.
Abdul Jabbar M; Nayak D P
Molecular and cellular biology (UNITED STATES) Apr 1987, 7 (4)
p1476-85, ISSN 0270-7306 Journal Code: 8109087
Contract/Grant No.: RO1-AI16348; AI; NIAID
Publishing Model Print
Document type: Journal Article
Languages: ENGLISH
Main Citation Owner: NLM
Record type: MEDLINE; Completed

... polypeptides (HA484 and HA308) lacking the signal peptide were expressed in the cytoplasm and did not undergo any glycosidic modification, demonstrating the importance of the heterologous signal sequence in the early steps of translocation in *S. cerevisiae*. The analysis of the N-terminal amino acid sequence of HA500 and HA325 polypeptides demonstrated the correct cleavage of the signal peptide, indicating the structural compatibility of a heterologous signal peptide for efficient recognition and processing by the yeast translocation machinery. The membrane-sequestered and glycosylated HA polypeptides were relatively stable in *S. cerevisiae* compared with...

10/3,K/13 (Item 13 from file: 155)
DIALOG(R) File 155:MEDLINE(R)
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07112143 PMID: 6095451

Requirement for a signal sequence in biological expression of the v-sis oncogene.
Hannink M; Donoghue D J
Science (UNITED STATES) Dec 7 1984, 226 (4679) p1197-9, ISSN 0036-8075 Journal Code: 0404511
Contract/Grant No.: CA34456; CA; NCI; GM07313; GM; NIGMS
Publishing Model Print

Document type: Journal Article
Languages: ENGLISH
Main Citation Owner: NLM
Record type: MEDLINE; Completed

... signal sequence was correlated with loss of biological activity. This activity was restored to inactive deletion mutants by fusion with the coding region for a **heterologous signal sequence**. Biological activity of v-sis was also abolished by either a small deletion within the coding region of the signal sequence or by a point...

10/3,K/14 (Item 1 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
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0010931187 BIOSIS NO.: 199799565247

Expression of full length and deletion homologues of Carcinoscorpius rotundicauda factor C in Saccharomyces cerevisiae: Immunoreactivity and endotoxin binding

AUTHOR: Ding J L (Reprint); Chai C; Pui A W M; Ho B

AUTHOR ADDRESS: Marine Biotechnol. Lab. BioSci. Centre, Sch. Biol. Sci.,
National Univ. Singapore, Lower Kent Ridge Road, Singapore 119260,
Singapore**Singapore

JOURNAL: Journal of Endotoxin Research 4 (1): p33-43 1997 1997

ISSN: 0968-0519

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

...ABSTRACT: constructed in the vectors: pEMBLyex4 and YEpsec1 to direct, respectively, the intracellular expression, and the secretion of the protein into the culture medium using a **heterologous signal sequence**. The effect of insert size on the efficiency of expression and the functionality of the resulting recombinant Factor C (rFC) were studied by creating expression...

10/3,K/15 (Item 2 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2005 BIOSIS. All rts. reserv.

0007481864 BIOSIS NO.: 199140124755

EXPRESSION OF AFGF OR AFGF COUPLED TO A HETEROLOGOUS SIGNAL PEPTIDE INDUCES INVASIVE POTENTIAL IN TRANSFECTED EPITHELIAL CELLS

AUTHOR: JOUANNEAU J (Reprint); MOENS G; CARUELLE D; THIERY J-P

AUTHOR ADDRESS: LABORATOIRE PHYSIOPATHOLOGIE DEVELOPPEMENT, CNRS URA 1337,
E N S, 46 RUE D'ULM, 75005 PARIS, FR**FRANCE

JOURNAL: Journal of Cellular Biochemistry Supplement (15 PART F): p223 1991

CONFERENCE/MEETING: MEETING ON FGF, ENDOTHELIAL CELL GROWTH FACTORS AND
ANGIOGENESIS HELD AT THE 20TH ANNUAL MEETING OF THE KEYSTONE SYMPOSIA ON
MOLECULAR AND CELLULAR BIOLOGY, KEYSTONE, COLORADO, USA, APRIL 1-7, 1991. J
CELL BIOCHEM SUPPL.

ISSN: 0733-1959

DOCUMENT TYPE: Meeting

RECORD TYPE: Citation

LANGUAGE: ENGLISH

EXPRESSION OF AFGF OR AFGF COUPLED TO A HETEROLOGOUS SIGNAL PEPTIDE INDUCES INVASIVE POTENTIAL IN TRANSFECTED EPITHELIAL CELLS

10/3,K/16 (Item 3 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2005 BIOSIS. All rts. reserv.

0005660766 BIOSIS NO.: 198784014915

SIGNAL PROCESSING GLYCOSYLATION AND SECRETION OF MUTANT HEMAGGLUTININS OF A HUMAN INFLUENZA VIRUS BY SACCHAROMYCES-CEREVISIAE
AUTHOR: JABBAR M A (Reprint); NAYAK D P
AUTHOR ADDRESS: JONSSON COMPREHENSIVE CANCER CENTER, DEP MICROBIOLOGY AND IMMUNOLOGY, SCH MED, UNIV CALIFORNIA, CALIFORNIA 90024, USA**USA
JOURNAL: Molecular and Cellular Biology 7 (4): p1476-1485 1987
ISSN: 0270-7306
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: ENGLISH

...ABSTRACT: polypeptides (HA484 and HA308) lacking the signal peptide were expressed in the cytoplasm and did not undergo any glycosidic modification, demonstrating the importance of the **heterologous signal sequence** in the early steps of translocation in *S. cerevisiae*. The analysis of the N-terminal amino acid sequence of HA500 and HA325 polypeptides demonstrated the correct cleavage of the signal peptide, indicating the structural compatibility of a **heterologous signal peptide** for efficient recognition and processing by the yeast translocation machinery. The membrane-sequestered and glycosylated HA polypeptides were relatively stable in *S. cerevisiae* compared with...

10/3,K/17 (Item 4 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
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0005390080 BIOSIS NO.: 198732118971

SYNTHESIS AND SECRETION OF RECOMBINANT C5A DIRECTED BY PLASMID CLONES ENCODING HETEROLOGOUS SIGNAL PEPTIDE SEQUENCES
AUTHOR: COLLIER K (Reprint); BONILLA-ARGUDO V; GIMENEZ-CALLEGO G; FIELDHOUSE J; KELDER B; ROLLINS T; SICILIANO S; SPRINGER M; KOPCHICK J
AUTHOR ADDRESS: DEP BIOCHEM, MERCK SHARP DOHME RES LAB, RAHWAY, NJ 07065, USA**USA
JOURNAL: Federation Proceedings 46 (3): p772 1987
CONFERENCE/MEETING: 71ST ANNUAL MEETING OF THE FEDERATION OF AMERICAN SOCIETIES FOR EXPERIMENTAL BIOLOGY, WASHINGTON, D.C., USA, MARCH 29-APRIL 2, 1987. FED PROC.
ISSN: 0014-9446
DOCUMENT TYPE: Meeting
RECORD TYPE: Citation
LANGUAGE: ENGLISH

SYNTHESIS AND SECRETION OF RECOMBINANT C5A DIRECTED BY PLASMID CLONES ENCODING HETEROLOGOUS SIGNAL PEPTIDE SEQUENCES

10/3,K/18 (Item 5 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2005 BIOSIS. All rts. reserv.

0004838905 BIOSIS NO.: 198630037796

A HETEROLOGOUS SIGNAL SEQUENCE CAN DIVERT SV-40 T ANTIGEN INTO THE

EXOCYTIC PATHWAY

BOOK TITLE: GETHING, M.-J. (ED.). CURRENT COMMUNICATIONS IN MOLECULAR BIOLOGY. PROTEIN TRANSPORT AND SECRETION; MEETING, COLD SPRING HARBOR, N.Y., USA, NOV. 1984. X+215P. COLD SPRING HARBOR LABORATORY: COLD SPRING HARBOR, N.Y., USA. ILLUS. PAPER

AUTHOR: SHARMA S (Reprint); BRANDSMA J; RODGERS L; GETHING M-J; SAMBROOK J
AUTHOR ADDRESS: COLD SPRING HARBOR LAB, COLD SPRING HARBOR, NEW YORK 11724, USA**USA

p73-78 1985

ISBN: 0-87969-183-2

DOCUMENT TYPE: Book; Meeting

RECORD TYPE: Citation

LANGUAGE: ENGLISH

A HETEROLOGOUS SIGNAL SEQUENCE CAN DIVERT SV-40 T ANTIGEN INTO THE EXOCYTIC PATHWAY

10/3,K/19 (Item 1 from file: 73)

DIALOG(R)File 73:EMBASE

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04307199 EMBASE No: 1990189755

Secretion of recombinant ribonuclease Tinf 1 into the periplasmic space of Escherichia coli with the aid of the signal peptide of alkaline phosphatase

Fujimura T.; Tanaka T.; Ohara K.; Morioka H.; Uesugi S.; Ikehara M.; Nishikawa S.

Faculty of Pharmaceutical Sci., Osaka University, 1-6 Yamadaoka, Suita, Osaka 565 Japan

FEBS Letters (FEBS LETT.) (Netherlands) 1990, 265/1-2 (71-74)

CODEN: FEBLA ISSN: 0014-5793

DOCUMENT TYPE: Journal; Article

LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

...the control of the trp promoter, active RNase Tinf 1 having the correct N-terminal sequence was secreted into the periplasmic space, indicating that the **heterologous signal peptide** had been cleaved off correctly. The enzyme could be readily purified from the periplasmic fraction with a yield of 1.8 mg from 1 liter...

?

Set	Items	Description
S1	16529	(RESPIRATORY (W) SYNCYTIAL (W) VIRUS)
S2	435	S1 AND (VECTOR OR PLASMID)
S3	26	S2 AND ((RSV (W) F) OR RSVF OR RSV-F)
S4	41	(HETEROLOGOUS (W) SIGNAL (W) (PEPTIDE OR SEQUENCE OR LEADER))
S5	0	S3 AND S4
S6	0	S3 AND (HSV (W) 1 (W) GD)
S7	0	S3 AND (HSV (W) I (W) GD)
S8	1	S4 AND S1
S9	20	RD S4 (unique items)
S10	19	S9 NOT PY>1999

?

COST

29mar05 10:53:50 User259876 Session D731.2

\$4.22 1.320 DialUnits File155

\$2.73 13 Type(s) in Format 3
\$2.73 13 Types
\$6.95 Estimated cost File155
\$7.76 1.349 DialUnits File5
\$12.00 6 Type(s) in Format 3
\$12.00 6 Types
\$19.76 Estimated cost File5
\$11.12 1.046 DialUnits File73
\$2.94 1 Type(s) in Format 3
\$2.94 1 Types
\$14.06 Estimated cost File73
OneSearch, 3 files, 3.715 DialUnits FileOS
\$2.40 INTERNET
\$43.17 Estimated cost this search
\$44.03 Estimated total session cost 3.947 DialUnits

?

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Enter the **first few letters** of the Inventor's Last Name.
Additionally, enter the **first few letters** of the Inventor's First name.

Last Name**First Name**

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Search Results -

Term	Documents
HSV	15180
HSVS	71
I	6155589
IS	525287
GD	456862
GDS	2967
(6 AND (HSV ADJ I ADJ GD)).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	2
(L6 AND ((HSV ADJ I) ADJ GD)).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	2

Database:

US Pre-Grant Publication Full-Text Database
 US Patents Full-Text Database
 US OCR Full-Text Database
 EPO Abstracts Database
 JPO Abstracts Database
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Clear

Interrupt

Search History

DATE: Tuesday, March 29, 2005 [Printable Copy](#) [Create Case](#)

Set Name Query
 side by side

Hit Count Set Name
 result set

DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; THES=ASSIGNEE; PLUR=YES;
 OP=AND

<u>L7</u>	L6 and ((HSV adj I) adj gD)	2	<u>L7</u>
<u>L6</u>	L5 and L4	8	<u>L6</u>
<u>L5</u>	(heterologous adj signal) adj (peptide or sequence or leader)	3566	<u>L5</u>

<u>L4</u>	L3 and (vector or vaccine)	209	<u>L4</u>
<u>L3</u>	L2 and ((RSV adj F) or RSVF or RSV-F)	217	<u>L3</u>
<u>L2</u>	((respiratory adj syncytial) adj virus)	4806	<u>L2</u>
<u>L1</u>	Li-Xiaomao.in.	14	<u>L1</u>

END OF SEARCH HISTORY